

Bird's-eye view of the same site with the work partly completed. Thirty-two per cent of the earth has been filled in for the Germantown dam.

produced the World War was in progress as this great cracked has feat was launched and governmental regulation threatened for a time to halt completely all labor a connection with the undertaking.

come court of the state and in the supreme court of the rooms. This all took time and parence. But in the rooms, this all took time and parence. But in the rooms, betacle was overcome and great drag lines stabilly appeared on the Miann River, and machines of core conceivable nature behind on throughout the district. Deging had begun, and with it a fair start to the most engineering job.

the parties in the district, will be formed by dams but arrow the valleys of the Mianu, Mad and Stillwater mers and on Twin and Lorance creeks. Each are have permanent openings through its bases formed which the ordinary flow of the river and the When their waters of greater volume make their appearance and are mable to pass through the outlet condins, the pacess water will be checked and held back temporated in the earther reservoirs.

the remailing basins to the spillway level of \$40,000 and the state of the total rainfall during the distance in 1913 flood.

the average reservoirs of retarding basins will cest in the neighborhood of \$0.735,108.

local these, the Conservancy plan provides for local transferred in such cities as Piqua, Troy,

Dayton, West Carrollton, Miamisburg, Franklin, Middletown and Hamilton, to cost about \$3.467,876.

REM. ESTATE purchased by the district in order to provide suitable channels for the river and other necessary improvement will require nor less than someono). The entire village of Oshera, a community of 700 people, with modern clareches, afterdhouses, banks, business houses, etc., has been perchased by the Miami Unisorvativy District at an expense of one million dollars. This is the first instance on record of an entire town being purchased for welfare purposes. Kailmads and traction lines passing in or near Oshora have had to change their routes at an expense of one million dollars.

The dry reservoir plant nims to reduce and control the flow of the Miami River, which is the principal stream passing through the stary nales of district incorporated in the general scheme. These basins will hold back all the flood water that cannot safely pass through the ordinary river channel. Community life, in this way, will be safeguarded and property interests properly protected against recurrent serious rayages of a swollen stream.

These dams will be constructed of carefully selected earth, placed and compacted so as to form practically impurations structures. There may be times when miles upon unles of fertile form land will be overron with flood waters, but such land already has come under control of the Conservancy district, so that the

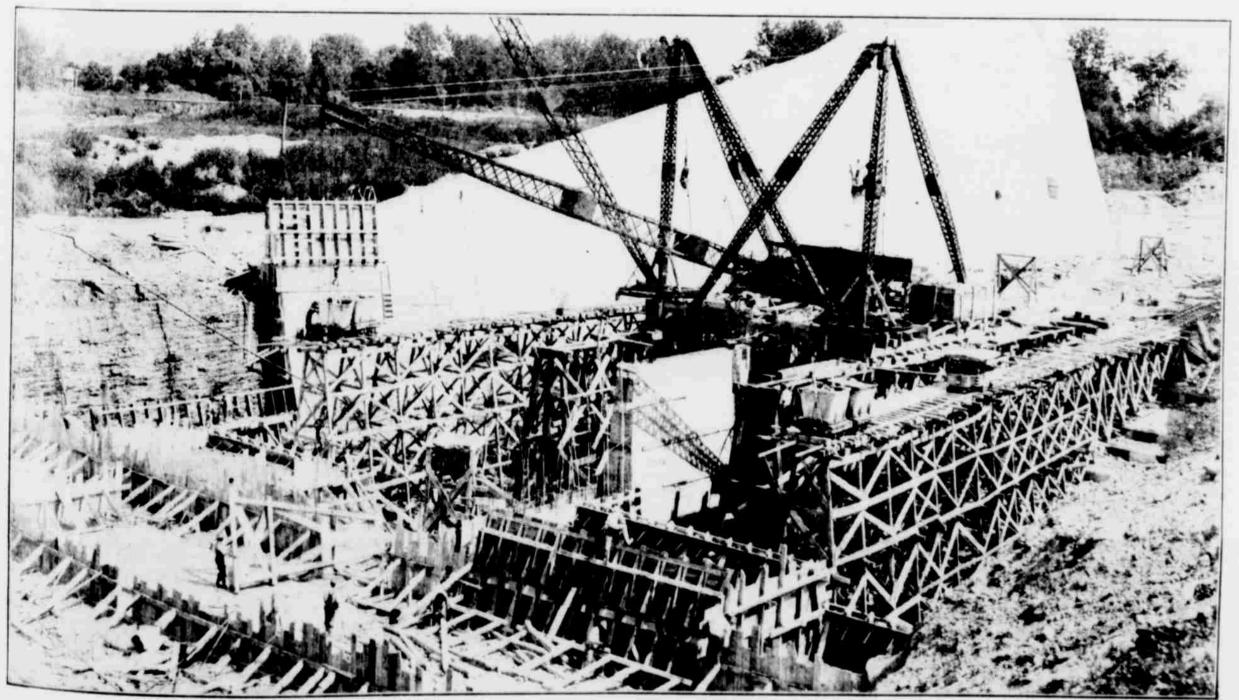
Yisk always is with the district and not talk arbute awareship.

In the preparation of this great emergeion the engineering brains of the military were employed. Proce Daniel W. Mond, of Mudisum, Wis. is a consulting engineer of the district. Charles id. Faul. non-constanced the Arrow Ruck Dam in the West, is used, and other engineer.

Welfam work among employes of the district less not bear overhooked. At each of the dry reservoir sites thermantown, Englowood, Lockington, Published School-houses have been built to enable the children of work-men to continue their education amount for direction or experienced teachers. Community grants a storas have been established, providing one method of contrating the high cost of house. Churches been been van-structed alongside and community in order that the religious element in people's lives may det be alongated.

One of the pressing problems which controuted the directors of the district was to scare the services of a first class engineer who is reality should become the superintendent for the whole job. Charles H. Locher, a Aurginian by birth, with a record for successful ordeavor in many parts of the country, finally was selected for this task.

More depends upon dow this work is done from his depended upon the usants for other engineering tasks of cultal size in years more by. More known will be used in the construction work in the Moon Valley than was used in building the Element would



Outlet works at the Huffman dam. This job was about finished when the photo was taken.